

CLAIM

1. A fuel oil composition for diesel engines comprising a base stock which satisfies the following relationships (1), (2) and (3), contains sulfur at 0.05wt.% or less, and is incorporated with 0.01 to 0.10wt.% of a flow improver and 0.002 to 0.1wt.% of a lubricity improver:

$$(a) \ 0 < A \leq 4.0 \quad (1)$$

wherein, A is content (wt.%), based on the total normal paraffin compounds present in the base stock, of normal paraffin compounds having a carbon number of 20 or more ,

$$(b) \ 0.04 \leq [B/C] \leq 0.40 \quad (2)$$

wherein, B is content (wt.%) of normal paraffin compounds having a carbon number of (n + 5), C is content (wt.%) of normal paraffin compounds having a carbon number of (n), [B/C] is average B/C ratio, and (n) is a positive integer when total content of normal paraffin compounds having a carbon number of (n) or more is 3.0 wt.% or less and closest thereto, based on the total normal paraffin compounds in the base stock, and

$$(c). \ 0 < D \leq 8.0 \quad (3)$$

wherein, D is content (vol.%), based on the whole base stock, of polynuclear aromatic hydrocarbon compounds.